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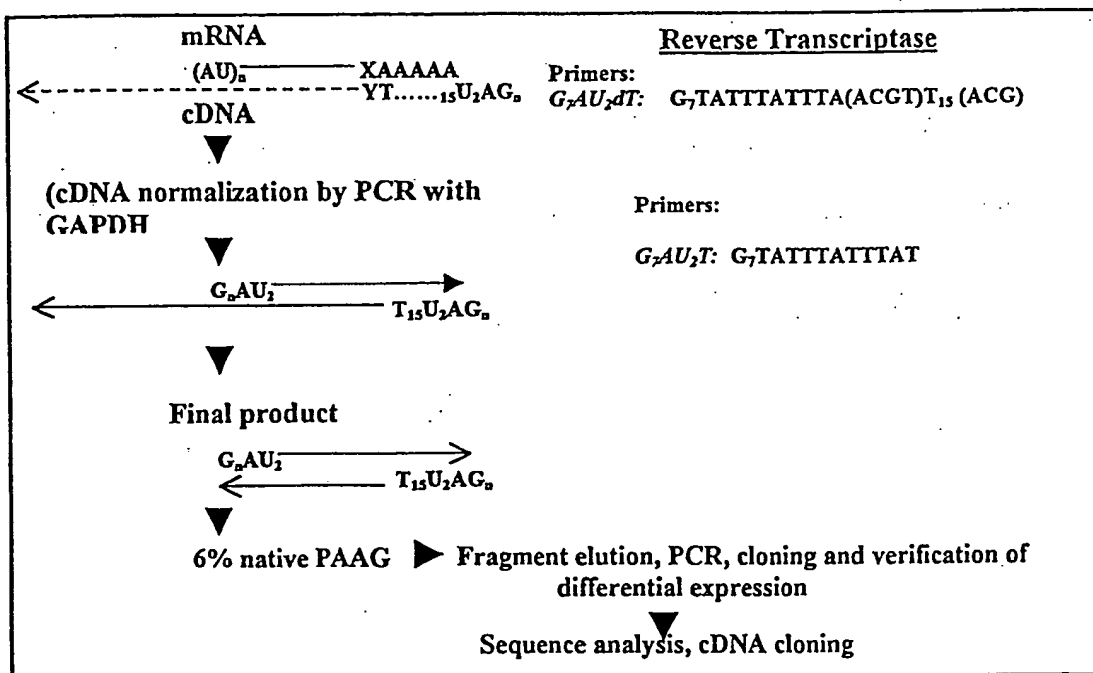
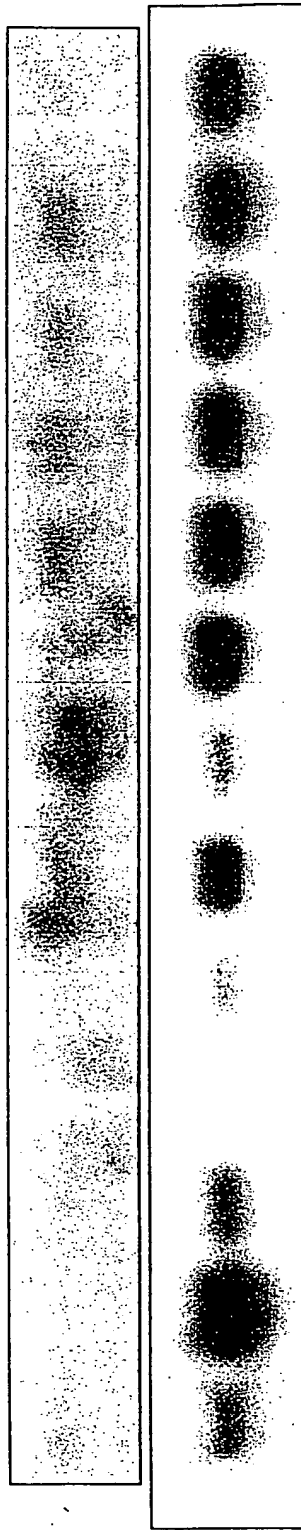
[illegible]

Figure 2

1 2 3 4 5 6 7 8 9 10 11 12



- | | |
|--------------------|----------------------|
| 1. Colon | 5. Small Intestine |
| 2. Skeletal muscle | 6. Ovary |
| 3. Liver | 7. Brain |
| 4. Spleen | 8-12. Kidney samples |

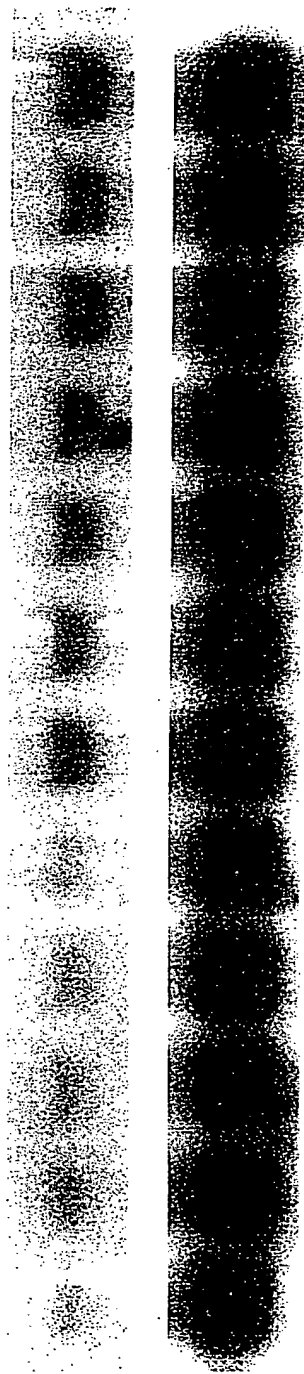
Upper panel: Northern blot hybridized with candidate gene probe

Lower panel: the same blot hybridized with mouse GAPDH gene probe, shown as internal control

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Figure 3



1 2 3 4 5 6 7 8 9 10 11 12

- | | |
|--------------------------|--------------------------|
| 1. Normal kidney(non-TG) | 8. I/R 6hrs (TG-1) |
| 2. 30 min I (non-TG 1) | 9. I/R 6hrs (TG-2) |
| 3. 30 min I (non-TG 2) | 10. I/R 24hrs (non-TG 1) |
| 4. 30 min I (TG 1) | 11. I/R 24hrs (non-TG 2) |
| 5. 30 min I (TG 2) | 12. I/R 24hrs (TG 1) |
| 6. I/R 6hrs (non-TG1) | |
| 7. I/R 6hrs (non-TG2) | |

Figure 4

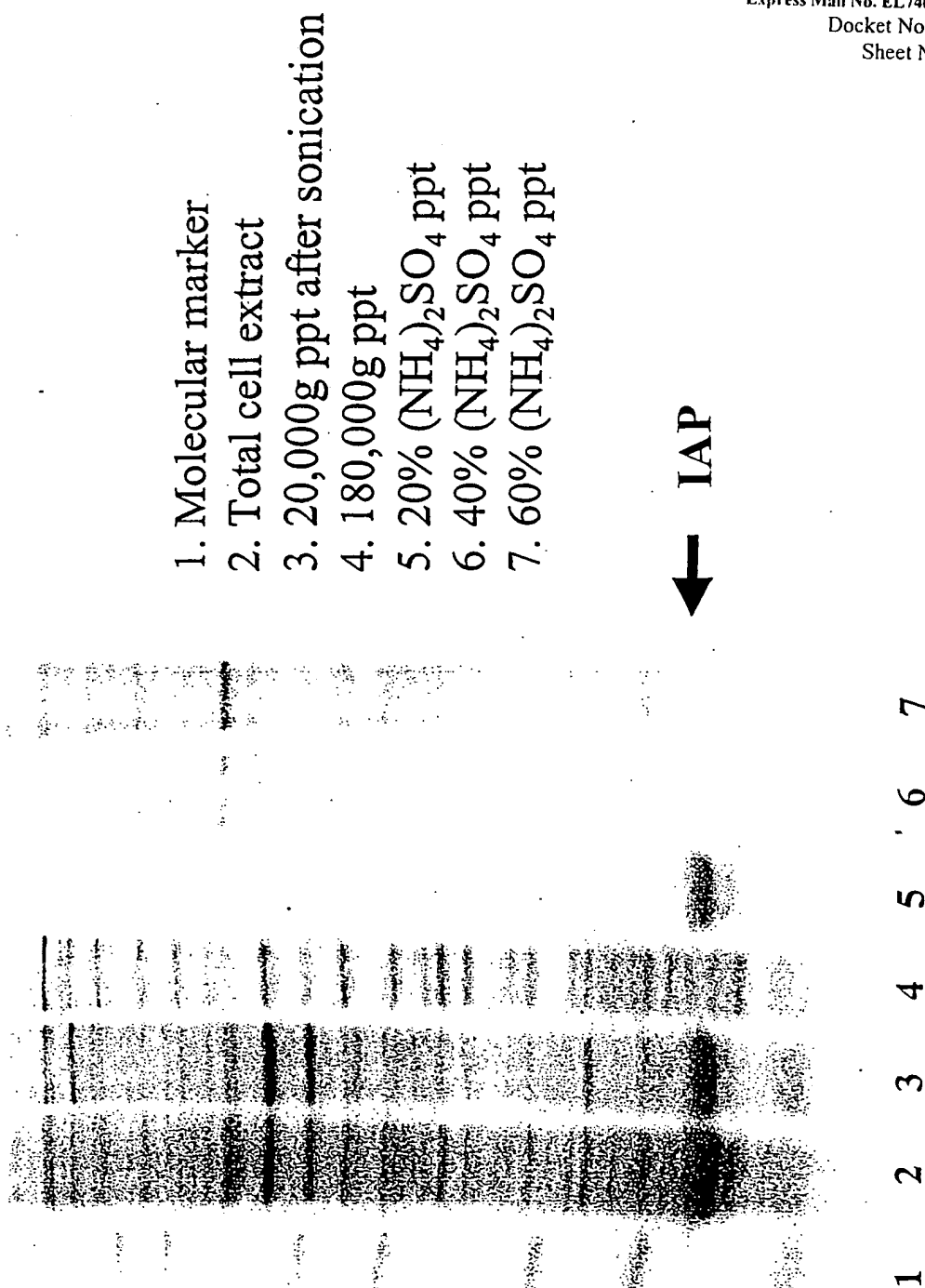


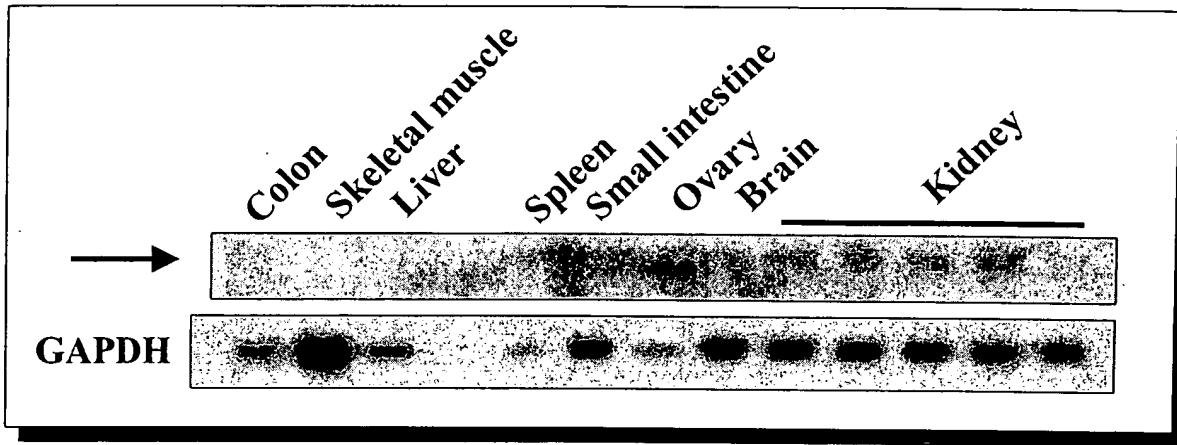
Figure 5

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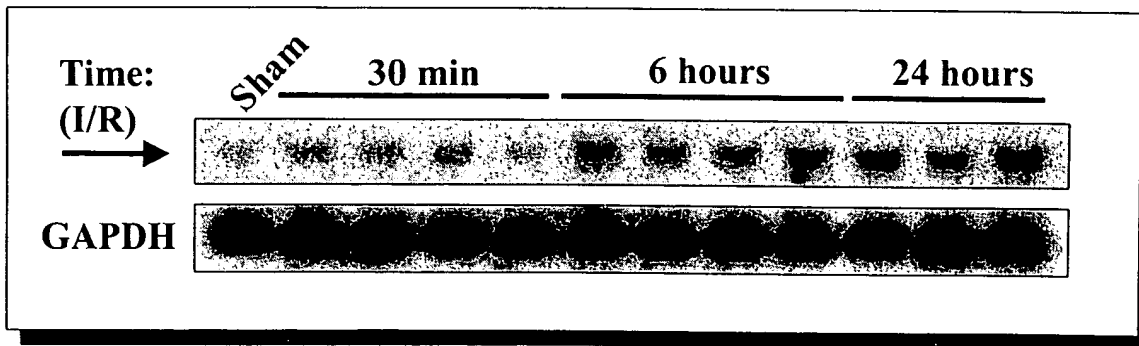
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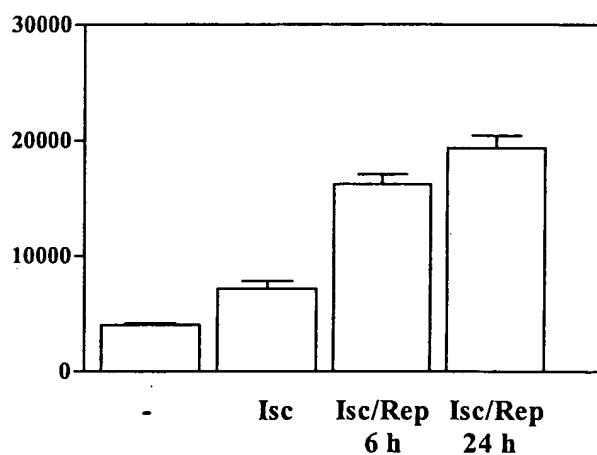
mRNA expression in mouse tissues



mRNA expression after kidney ischemia/reperfusion



**Measurement of IAP mRNA
activation during kidney I/R ***

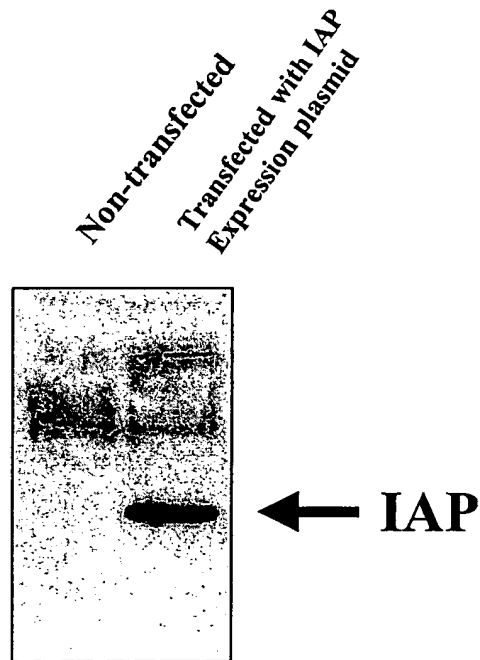


*** At least 4 animals were analyzed per each group.**

Data are expressed as the mean \pm SEM.

Figure 6

Overexpression of IAP in Hela cells



HeLa cells were transfected with plasmid DNA, containing pEF/myc/cyto vector (Invitrogen) containing human IAP cDNA. After 48 hrs cells were lysed and total cellular extract was analyzed by Western blotting using anti-IAP rabbit polyclonal Ab and Phototope-HRP Western Blot Detection Kit (BioLabs) as described in manufacturer's protocol.

Figure 7